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For plant layout see Annex 2.**

3. Work force:

In the new plant section three shifts of about 300 laborers each and in the other plant sections three, and one, shifts with an unknown work force (50 percent women and 500 PWs).

4. Production:

"Salt" fertilizer, daily output about 150 tons; sulphur, ammonia and unidentified green tablets. No information is available on production of the new plant section.

5. Plant installation:

Of the war plant only the administration, the forge and the electric plant were in operation in October 1945. Reconstruction not completed by June 1949. Department No. 1 large workshops in which large containers were observed from the outside before operation started in 1947. The machine tools were of German origin as indicated by their factory plates. Boxes with dismantled German machinery were stored outdoors in the northern plant area. Fellow PWs said that power was supplied from the Zaporozhe power plant. For plant layout see Annex 3.**

6. Work force:

In June 1949 approximately 2,000 laborers including 600 PWs and 40 to 50 percent women. Work was done in two and three shifts. On entering or leaving the plant, civilian laborers were often checked to the skin.

7. Production:

Fertilizers packed in sacks.

8. Observations:

a. The ammonia department had five or six compressors and five or six cooling installations. The department was not completely repaired from war damages and operation was not fully resumed in July 1949.

b. The compressor station had three compressors which came from the Leuna plants in Merseburg in 1948. According to fellow PW, former worker of the Leuna plant, they were constructed by the Halberg Firm in Ludwigshafen in 1941. For details see Annex 3.

c. The new plant had many outdoor installations. Distributor caps was protected and strictly guarded, off

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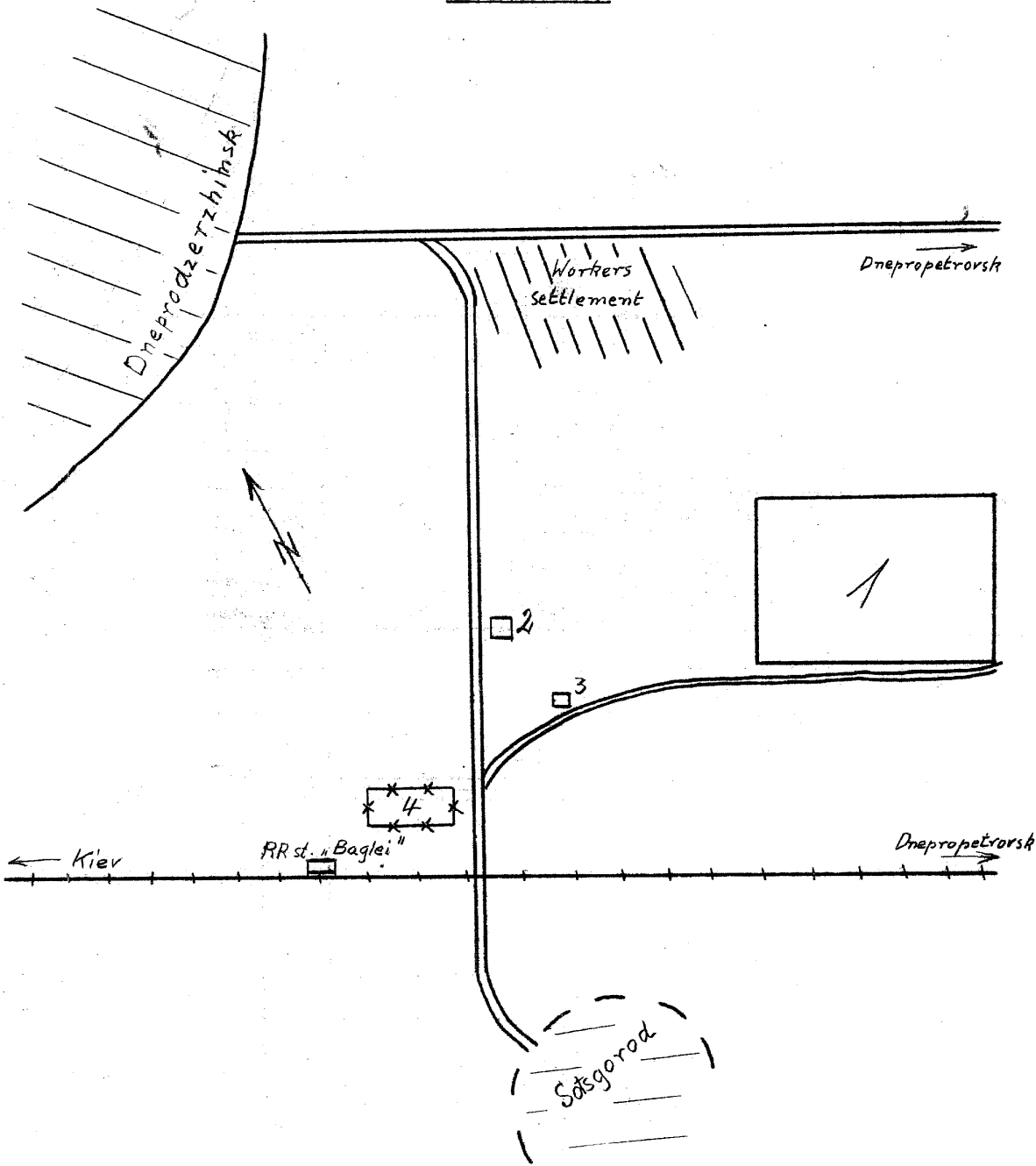
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Annex 1

Chemical Plant at Dneprodzerzhinsk
Location Sketch



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limits even to plant police.

9. Work force:

About 4,000 Soviets and 600 to 800 PWs on constructions working in three shifts.

10. Production:

Ammonia, various gases, acids, sulphur plates, red and black "Selit". No details are available on the production of the new plant section.

* Comment: Annex 1 gives the following important landmarks for the pinpointing of the plant: Road and railroad line to Dnepropetrovsk, Baglei railroad station southwest of the plant, and the location of the village of "Sdsigorod".

** Comment: Of the two generally corresponding sketches of the plant layout, Annex 2 gives more details and is considered to be the most factual reproduction received.

*** Comment: The new plant section in the western plant area has three workshops. Its strict guarding and the precaution measures (illumination from outside) indicate a very special production, presumably, high grade inflammable gases corroding insulations of electrical installations. These gases could be picric acid or nitric acid or even poisonous gases such as "Tabun".

4 Annexes: Sketches on ditto.

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1/Annex 1

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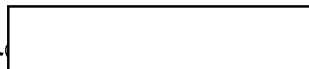
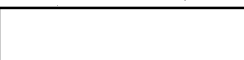
Legend to Annex 1

- 1 Chemical Plant
- 2 Chapel
- 3 Apartment of MVD regional commander
- 4 PW Camp No 7315/1

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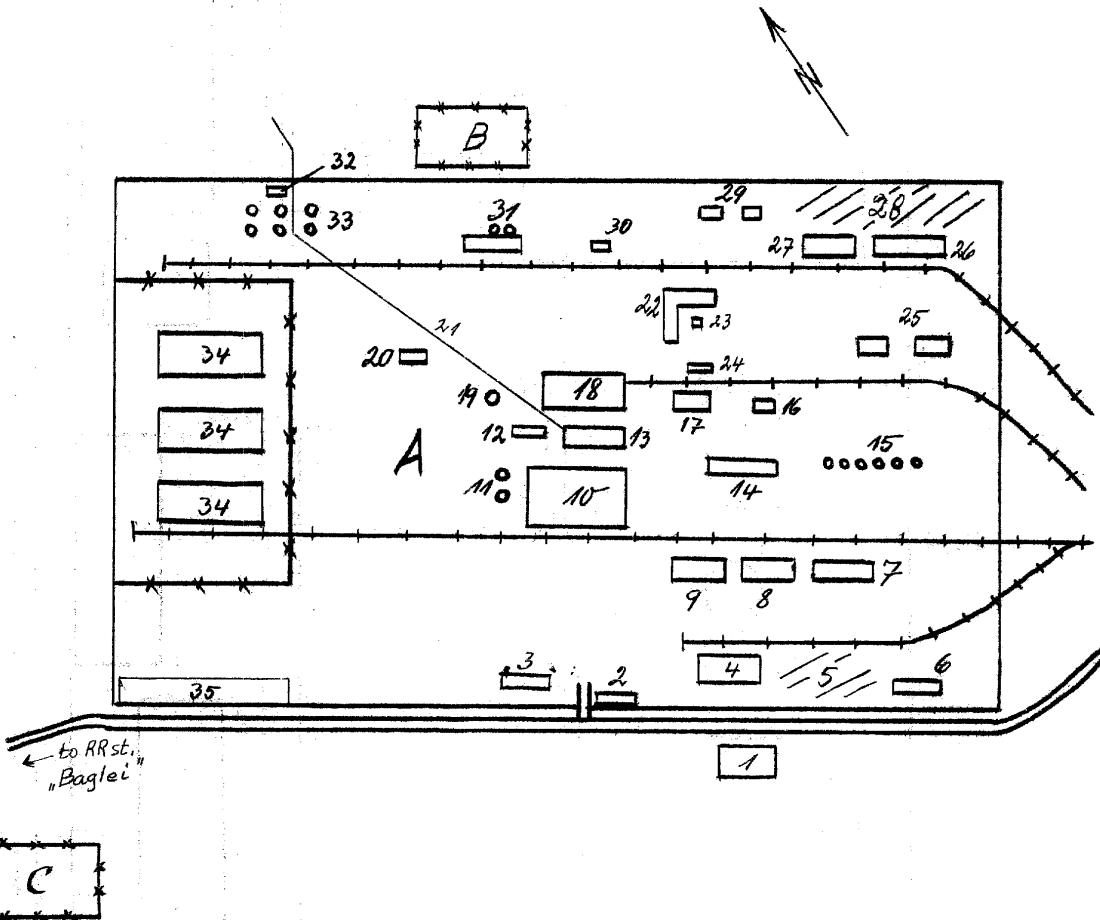
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Chemical Plant at Dneprodzerzhinsk: Plant Layout



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1/Annex 2

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Legend to Annex 2

- 1 Four story administration, stone structure, 50 x 30 meters
- 2 Guard house with eight passages, stone structure, 30 x 8 x 10 meters
- 3 Laboratory, three-story stone building, 40 x 12 meters
- 4 Magazine, iron frame construction 50 x 30 meters
- 5 Storage dumps of magazine
- 6 Electric repair department, partially three-story stone building, 30 x 15 meters
- 7 Cooling plant, stone structure, 50 x 20 x 10 meters, with 6 funnel-shaped containers with non-rusting pipe connections, 45 cm in diameter
- 8 Forge and lathe shop, iron frame with brickwork, 40 x 25 meters, with two pneumatic hammers, 10 lathes and 2 boring machines
- 9 New forge under construction, iron structure with brickwork, 40 x 25 x 10 meters
- 10 Workshop, iron structure with brickwork, 100 x 60 x 25 meters, with 10 compressors in various sizes up to 400 atmospheres, five high pressure tanks with 15 cm thick steel walls, two lathes, laboratory and electric department with various accessories
- 11 Outdoor transformers
- 12 Cooling plant, wooden structure, 30 x 5 x 10 meters
- 13 Illuminating gas purifying installations, stone structure, 60 x 20 x 15 meters, with four large containers installed with many small iron pipes inside and with large unidentified machines at the front sides.
- 14 Two lathe shops, iron structures with brickwork, 60 x 15 meters, with various lathes up to 6 meters length, three milling machines, three boring machines, one American "Ohio" boring installation, and one polishing machine.
- 15 Six-non-rusting tanks, each 30 meters high and 3 meters in diameter
- 16 Plumber shop, stone structure, 15 x 10 meters

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2/Annex 2

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- 17 Boiler house, iron structure with brickwork, 30 x 20 x 20 meters
- 18 New compressor shop, iron structure with brickwork, 80 x 40 meters, three stories, with three large compressors
- 19 Gas tank, 30 meters high, 18 meters in diameter
- 20 Oil station, stone structure, 20 x 8 meters with one German centrifugal cleaner and ten oil tanks
- 21 Illuminating gas pipe line
- 22 Ammonia manufacture, L-shaped building, 12 x 5 x 40 meters (both wings)
- 23 Ammonia cooling plant, with iron pipe coil system, 8 x 8 meters
- 24 Transformer station, 20 x 5 x 6 meters
- 25 Two buildings under construction, 25 x 15 meters, three story stone structures, purpose unknown.
- 26 Salt storage shed, stone building, 60 x 20 meters
- 27 Boiler house, stone structure, 40 x 25^{x 10} meters
- 28 Storage area of dismantled German machinery, some of it from Merseburg
- 29 Two wooden cooling towers, 12 x 12 x 20 meters
- 30 Transformer station, 10 x 6 x 6 meters
- 31 Sulphur manufacture, stone structure, 50 x 15 meters, three stories with two towers, each 20 meters high and 4 meters in diameter, with many windows
- 32 Mechanical workshop, 10 x 8 meters
- 33 Six gas tanks, 20 meters high, 18 meters in diameter
- 34 New plant section, three workshops, each 100 x 40 x 10 meters with large windows. This separated plant area, 350 x 200 meters has a railroad connection. The three buildings are connected to workshop 10 by a high pressure pipe line and guarded by an extra guard detail of 30 men. Intensive checking of identity cards and body checking of laborers.
- 35 Gattages

B Camp for female convicts

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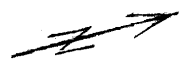
C Camp for male convicts

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Chemical Plant Dneprodzerzhinsk: Plant Layout



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1/Annex 3

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Legend to Annex 3

- 1 Administration, three-story modern building, 60 x 30 meters, with switchboard for electric power
- 2 Plant entrance
- 3 Laboratory No 1, 15 x 10 meters, two-story building, oil and metal samples were turned in
- 4 Garage, accessible from the street only
- 5 Administration No 2, three-story new building, 60 x 40 meters, occupied since the Summer of 1948
- 6 Department No 1, three workshops with 100 x 100 meter total dimensions, one workshop is 25 meters high, the two others 15 meters high. Large containers were observed through the windows
- 7 Laboratory No 2, two-story building, 15 x 8 meters, no details available
- 8 Two filtering towers (presumably cooling towers), 30 meters high, 7 to 8 meters in diameter, conical shaped
- 9 Workshop under reconstruction
- 10 Storage dump
- 11 Two storage sheds, each 50 x 6 meters, storage and shipping of fertilizer packed in sacks
- 12 Filter tower, 30 meters high, 5 meters in diameter
- 13 Department No 3, 60 x 40 meters
- 14 Six tower-shaped metal containers, 30 meters high, 5 meters in diameter, according to Soviets 60-ton weight.
- 15 Department No 2, 40 x 30 x 12 meters, with office annex, 2 large joiners benches, four milling machines, four lathes, and many work benches for lock-smiths, working for plant requirements
- 16 Gas tank, 8 meters high, 5 meters in diameter
- 17 Forge, stone building, 100 x 40 x 8 meters with two large steam hammers
- 18 New building, 30 x 30 meters

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- 19 Shed, 200 x 10 meters with clothing, tool, spare parts, and materials store
- 20 Storage dump
- 21 Electrical department, 50 x 35 x 14 meters, with 18 meters high crane tower at the entrance, two precision mechanical workshops mostly checking and repairing transformers, office
 - a Forge working for plant requirements.

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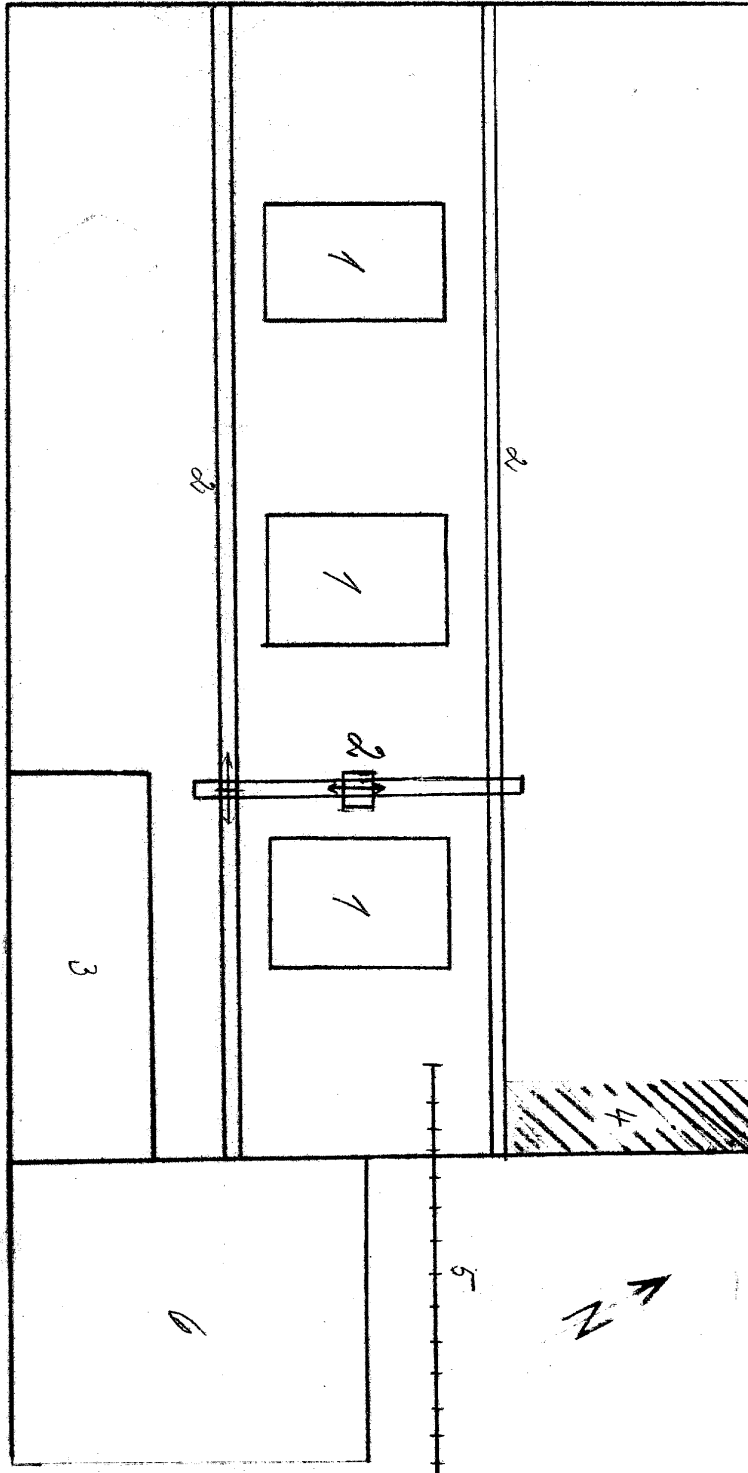
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Annex 4

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Chemical Plant at Dneprodzerzhinsk: Compressor Station



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1/Annex 4

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Legend to Annex 4

Compressor shop, 150 x 50 meters with

- 1 Three compressors, each 12 x 10 meters
- 2 Crane installations with trolleys
- 3 Laboratory
- 4 Entrance to an underground room
- 5 Railroad connection
- 6 Annex with transformer station

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